

Supplementary_Table_2

Supplementary table 2. SRM assays parameters				
731.859827	854.509428	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y8.light	37.7
731.859827	515.355159	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y5.light	37.7
731.859827	458.333696	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y4.light	37.7
731.859827	359.265282	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y3.light	37.7
731.859827	616.805378	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y11+2.light	37.7
735.866926	862.523627	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y8.heavy	37.7
735.866926	523.369358	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y5.heavy	37.7
735.866926	466.347895	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y4.heavy	37.7
735.866926	367.279481	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y3.heavy	37.7
735.866926	620.812477	30.65	sp Q9Y4K1 AIM1_HUMAN.VMPNS[Pho]PQNGVLVK.+2y11+2.heavy	37.7
738.678291	1000.567337	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y9.light	38.2
738.678291	689.382831	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y6.light	38.2
738.678291	700.983603	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y18+3.light	38.2
738.678291	668.632682	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y17+3.light	38.2
738.678291	558.74532	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3b10 -98+2.light	38.2
741.349691	1008.581536	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y9.heavy	38.2
741.349691	697.39703	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y6.heavy	38.2
741.349691	703.655003	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y18+3.heavy	38.2
741.349691	671.304081	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3y17+3.heavy	38.2
741.349691	558.74532	36.99	sp Q15910 EZH2_HUMAN.LPNNS[Pho]SRPST[Pho]PTINVLESK.+3b10 -98+2.heavy	38.2
798.080585	937.498923	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3y9.light	41.2
798.080585	942.479349	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3y18+2.light	41.2
798.080585	469.2531	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3y9+2.light	41.2
798.080585	572.76097	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3b11+2.light	41.2
798.080585	622.295177	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3b12+2.light	41.2
800.751985	945.513122	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3y9.heavy	41.2
800.751985	946.486449	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3y18+2.heavy	41.2
800.751985	473.260199	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3y9+2.heavy	41.2
800.751985	572.76097	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3b11+2.heavy	41.2
800.751985	622.295177	40.89	sp Q7Z589 EMSY_HUMAN.SPRPAS[Pho]PASNVVLPSTVYVK.+3b12+2.heavy	41.2
603.595791	747.810538	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y13+2.light	31.3
603.595791	698.82209	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y13 -98+2.light	31.3
603.595791	699.284156	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y12+2.light	31.3
603.595791	498.876117	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y13+3.light	31.3
603.595791	315.166296	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3b3.light	31.3
606.93188	752.814673	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y13+2.heavy	31.3
606.93188	703.826225	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y13 -98+2.heavy	31.3
606.93188	704.288291	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y12+2.heavy	31.3
606.93188	502.212207	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3y13+3.heavy	31.3
606.93188	315.166296	25.99	sp Q8TEK3 DOT1L_HUMAN.NSLPAS[Pho]PAHQLSSS[Pho]PR.+3b3.heavy	31.3
588.969244	683.408652	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y7.light	30.5
588.969244	515.318774	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y5.light	30.5
588.969244	426.252903	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y9+2.light	30.5
588.969244	342.207964	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y7+2.light	30.5
588.969244	633.264369	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3b6.light	30.5
591.640643	691.422851	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y7.heavy	30.5
591.640643	523.332973	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y5.heavy	30.5
591.640643	430.260002	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y9+2.heavy	30.5
591.640643	346.215063	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3y7+2.heavy	30.5
591.640643	633.264369	30.36	sp Q96EZ8 MCRS1_HUMAN.APST[Pho]PVPPSPAPAPGLTK.+3b6.heavy	30.5
762.358703	824.354975	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y8.light	39
762.358703	726.378079	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y8 -98.light	39
762.358703	727.302212	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y7.light	39
762.358703	473.271824	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y5.light	39

762.358703	656.282464	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y13+2.light	39
766.365802	832.369174	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y8.heavy	39
766.365802	734.392278	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y8-98.heavy	39
766.365802	735.316411	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y7.heavy	39
766.365802	481.286023	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y5.heavy	39
766.365802	660.289563	18.1	sp Q9NV56 MRGBP_HUMAN.VLTANSNPSS[Pho]PSAAK.+2y13+2.heavy	39
678.344533	896.448876	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y8.light	35.3
678.344533	783.364812	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y7.light	35.3
678.344533	696.332783	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y6.light	35.3
678.344533	398.239795	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y4-98.light	35.3
678.344533	315.202681	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y3.light	35.3
682.351632	904.463075	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y8.heavy	35.3
682.351632	791.379011	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y7.heavy	35.3
682.351632	704.346982	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y6.heavy	35.3
682.351632	406.253994	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y4-98.heavy	35.3
682.351632	323.21688	39.56	sp Q13330 MTA1_HUMAN.SVSSVLSSLT[Pho]PAK.+2y3.heavy	35.3
495.260469	607.367455	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y5.light	25.8
495.260469	508.299041	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y4.light	25.8
495.260469	409.230627	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y3.light	25.8
495.260469	642.32902	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y11+2.light	25.8
495.260469	428.555105	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y11+3.light	25.8
498.596559	617.375724	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y5.heavy	25.8
498.596559	518.30731	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y4.heavy	25.8
498.596559	419.238896	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y3.heavy	25.8
498.596559	647.333154	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y11+2.heavy	25.8
498.596559	431.891195	32.16	sp P12270 TPR_HUMAN.TVPST[Pho]PTLVVPHR.+3y11+3.heavy	25.8
603.235488	654.284179	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y6.light	31.3
603.235488	765.304459	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y13+2.light	31.3
603.235488	716.316011	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y13-98+2.light	31.3
603.235488	683.772794	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y12+2.light	31.3
603.235488	564.893174	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y14+3.light	31.3
606.571578	664.292448	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y6.heavy	31.3
606.571578	770.308593	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y13+2.heavy	31.3
606.571578	721.320145	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y13-98+2.heavy	31.3
606.571578	688.776929	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y12+2.heavy	31.3
606.571578	568.229264	19.6	sp Q14011 CIRBP_HUMAN.DYSSRS[Pho]QSGGYSDR.+3y14+3.heavy	31.3
486.718574	835.37096	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y7.light	26.9
486.718574	737.394064	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y7-98.light	26.9
486.718574	738.318196	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y6.light	26.9
486.718574	425.179577	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y3.light	26.9
486.718574	418.189118	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y7+2.light	26.9
490.725673	843.385159	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y7.heavy	26.9
490.725673	745.408263	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y7-98.heavy	26.9
490.725673	746.332395	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y6.heavy	26.9
490.725673	433.193776	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y3.heavy	26.9
490.725673	422.196217	2.91	sp Q96F86 EDC3_HUMAN.HPNQAT[Pho]PK.+2y7+2.heavy	26.9
487.256705	860.42207	13.85	iRT_peptides.LGGNETQVR.+2y8.light	26.9
487.256705	803.400606	13.85	iRT_peptides.LGGNETQVR.+2y7.light	26.9
487.256705	503.293622	13.85	iRT_peptides.LGGNETQVR.+2y4.light	26.9
547.298038	817.441408	30.97	iRT_peptides.YILAGVESNK.+2y8.light	29.6
547.298038	704.357344	30.97	iRT_peptides.YILAGVESNK.+2y7.light	29.6
547.298038	633.32023	30.97	iRT_peptides.YILAGVESNK.+2y6.light	29.6
644.822606	1016.525866	23.42	iRT_peptides.AGGSSEPVTGLADK.+2y10.light	33.9
644.822606	800.451245	23.42	iRT_peptides.AGGSSEPVTGLADK.+2y8.light	33.9
644.822606	604.330067	23.42	iRT_peptides.AGGSSEPVTGLADK.+2y6.light	33.9
669.838059	1041.499986	33.03	iRT_peptides.TPVISGGPYER.+2y9.light	35
669.838059	928.415922	33.03	iRT_peptides.TPVISGGPYER.+2y8.light	35

669.838059	841.383893	33.03	iRT_peptides.TPVISGGPYER.+2y7.light	35
683.827888	819.38831	27.68	iRT_peptides.VEATFGVDESANK.+2b8.light	35.6
683.827888	966.452701	27.68	iRT_peptides.VEATFGVDESANK.+2y9.light	35.6
683.827888	663.29441	27.68	iRT_peptides.VEATFGVDESANK.+2y6.light	35.6
683.853709	1069.531286	34.61	iRT_peptides.TPVITGAPYYER.+2y9.light	35.6
683.853709	956.447222	34.61	iRT_peptides.TPVITGAPYYER.+2y8.light	35.6
683.853709	855.399543	34.61	iRT_peptides.TPVITGAPYYER.+2y7.light	35.6
726.835713	1066.484001	41.52	iRT_peptides.DAVTPADFSEWSK.+2y9.light	37.5
726.835713	584.269478	41.52	iRT_peptides.DAVTPADFSEWSK.+2y10+2.light	37.5
726.835713	533.745639	41.52	iRT_peptides.DAVTPADFSEWSK.+2y9+2.light	37.5
622.853512	826.478128	47.87	iRT_peptides.TGFIDPGGVIR.+2y8.light	32.9
622.853512	713.394064	47.87	iRT_peptides.TGFIDPGGVIR.+2y7.light	32.9
622.853512	598.367121	47.87	iRT_peptides.TGFIDPGGVIR.+2y6.light	32.9
636.869162	854.509428	51.07	iRT_peptides.GTFIDPAAIVR.+2y8.light	33.5
636.869162	741.425364	51.07	iRT_peptides.GTFIDPAAIVR.+2y7.light	33.5
636.869162	626.398421	51.07	iRT_peptides.GTFIDPAAIVR.+2y6.light	33.5
699.338423	926.473043	37.16	iRT_peptides.GDLDAASYAPVR.+2y8.light	36.3
699.338423	855.435929	37.16	iRT_peptides.GDLDAASYAPVR.+2y7.light	36.3
699.338423	605.340572	37.16	iRT_peptides.GDLDAASYAPVR.+2y5.light	36.3
776.929751	1051.557107	53.85	iRT_peptides.FLLQFGAQGSPLFK.+2y10.light	39.7
776.929751	904.488693	53.85	iRT_peptides.FLLQFGAQGSPLFK.+2y9.light	39.7
776.929751	504.318046	53.85	iRT_peptides.FLLQFGAQGSPLFK.+2y4.light	39.7
519.581214	755.423256	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3y6.light	27
519.581214	658.370492	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3y5.light	27
519.581214	378.215266	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3y6+2.light	27
519.581214	802.313111	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3b8.light	27
519.581214	704.336215	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3b8-98.light	27
522.917304	765.431525	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3y6.heavy	27
522.917304	668.378761	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3y5.heavy	27
522.917304	383.219401	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3y6+2.heavy	27
522.917304	802.313111	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3b8.heavy	27
522.917304	704.336215	35.54	sp O43379 WDR62_HUMAN.GQSS[Pho]PPPAPPIC[CAM]LR.+3b8-98.heavy	27
685.80102	1042.420095	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y9.light	35.7
685.80102	740.297461	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y6.light	35.7
685.80102	625.270517	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y5.light	35.7
685.80102	371.24013	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y3.light	35.7
685.80102	629.258988	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y11+2.light	35.7
690.805155	1052.428364	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y9.heavy	35.7
690.805155	750.30573	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y6.heavy	35.7
690.805155	635.278786	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y5.heavy	35.7
690.805155	381.248399	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y3.heavy	35.7
690.805155	634.263123	12.79	sp O95251 KAT7_HUMAN.LSQSSQDSS[Pho]PVR.+2y11+2.heavy	35.7
988.437878	929.505071	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y8.light	49
988.437878	830.436657	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y7.light	49
988.437878	617.325316	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y5.light	49
988.437878	489.266738	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y4.light	49
988.437878	678.8134	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y11+2.light	49
992.444978	937.51927	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y8.heavy	49
992.444978	838.450856	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y7.heavy	49
992.444978	625.339515	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y5.heavy	49
992.444978	497.280937	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y4.heavy	49
992.444978	682.820499	44.99	sp P29353 SHC1_HUMAN.ELFDDPSY[Pho]VNVQNLDK.+2y11+2.heavy	49
676.354703	800.395384	42.52	sp P06400 RB_HUMAN.IPGGNIIYS[Pho]PLK.+2y6.light	35.3
676.354703	357.249632	42.52	sp P06400 RB_HUMAN.IPGGNIIYS[Pho]PLK.+2y3.light	35.3
676.354703	619.812671	42.52	sp P06400 RB_HUMAN.IPGGNIIYS[Pho]PLK.+2y11+2.light	35.3
676.354703	571.286289	42.52	sp P06400 RB_HUMAN.IPGGNIIYS[Pho]PLK.+2y10+2.light	35.3
676.354703	439.229959	42.52	sp P06400 RB_HUMAN.IPGGNIIYS[Pho]PLK.+2b5.light	35.3

680.361803	808.409583	42.52	sp P06400 RB_HUMAN.IPGGNIYIS[Pho]PLK.+2y6.heavy	35.3
680.361803	365.263831	42.52	sp P06400 RB_HUMAN.IPGGNIYIS[Pho]PLK.+2y3.heavy	35.3
680.361803	623.819771	42.52	sp P06400 RB_HUMAN.IPGGNIYIS[Pho]PLK.+2y11+2.heavy	35.3
680.361803	575.293389	42.52	sp P06400 RB_HUMAN.IPGGNIYIS[Pho]PLK.+2y10+2.heavy	35.3
680.361803	439.229959	42.52	sp P06400 RB_HUMAN.IPGGNIYIS[Pho]PLK.+2b5.heavy	35.3
758.037217	799.492381	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y7.light	39.2
758.037217	460.31296	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y4.light	39.2
758.037217	347.228896	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y3.light	39.2
758.037217	400.249829	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y7+2.light	39.2
758.037217	469.148277	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3b3.light	39.2
760.708617	807.50658	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y7.heavy	39.2
760.708617	468.327159	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y4.heavy	39.2
760.708617	355.243095	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y3.heavy	39.2
760.708617	404.256928	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3y7+2.heavy	39.2
760.708617	469.148277	54.32	sp P17612 KAPCA_HUMAN.TWT[Pho]LC[CAM]GTPEYLAPEIILSK.+3b3.heavy	39.2
598.276984	755.30836	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2y6.light	31.8
598.276984	658.255596	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2y5.light	31.8
598.276984	378.157818	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2y6+2.light	31.8
598.276984	328.161545	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2b3.light	31.8
598.276984	441.245609	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2b4.light	31.8
603.281119	765.316629	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2y6.heavy	31.8
603.281119	668.263865	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2y5.heavy	31.8
603.281119	383.161952	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2y6+2.heavy	31.8
603.281119	328.161545	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2b3.heavy	31.8
603.281119	441.245609	16.3	sp P38398 BRCA1_HUMAN.VNNIPS[Pho]QSTR.+2b4.heavy	31.8
532.232045	738.389313	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y6.light	28.9
532.232045	609.34672	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y5.light	28.9
532.232045	512.293956	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y4.light	28.9
532.232045	305.176998	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y5+2.light	28.9
532.232045	326.074778	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2b3.light	28.9
537.23618	748.397582	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y6.heavy	28.9
537.23618	619.354989	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y5.heavy	28.9
537.23618	522.302225	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y4.heavy	28.9
537.23618	310.181132	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2y5+2.heavy	28.9
537.23618	326.074778	16.2	sp P10398 ARAF_HUMAN.SAS[Pho]EPSLHR.+2b3.heavy	28.9
642.294456	985.439039	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y9.light	33.3
642.294456	888.386276	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y8.light	33.3
642.294456	906.396013	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y17+2.light	33.3
642.294456	862.879999	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y16+2.light	33.3
642.294456	493.223158	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y9+2.light	33.3
644.965855	993.453238	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y9.heavy	33.3
644.965855	896.400475	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y8.heavy	33.3
644.965855	910.403113	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y17+2.heavy	33.3
644.965855	866.887099	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y16+2.heavy	33.3
644.965855	497.230257	28.72	sp P07355 ANXA2_HUMAN.LSLEGDHSTPPSAY[Pho]GSVK.+3y9+2.heavy	33.3
715.654712	830.436657	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y7.light	37
715.654712	604.268529	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y5.light	37
715.654712	489.241586	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y4.light	37
715.654712	361.183009	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y3.light	37
715.654712	828.421007	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3b8.light	37
718.990802	840.444926	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y7.heavy	37
718.990802	614.276798	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y5.heavy	37
718.990802	499.249855	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y4.heavy	37
718.990802	371.191278	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3y3.heavy	37
718.990802	828.421007	40.27	sp P07355 ANXA2_HUMAN.RAEDGSVIDY[Pho]ELIDQDAR.+3b8.heavy	37
603.283747	778.40938	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2y7.light	32
603.283747	679.340966	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2y6.light	32

603.283747	493.261653	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2y5.light	32
603.283747	315.074049	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2b2.light	32
603.283747	428.158113	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2b3.light	32
607.290846	786.423579	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2y7.heavy	32
607.290846	687.355165	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2y6.heavy	32
607.290846	501.275852	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2y5.heavy	32
607.290846	315.074049	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2b2.heavy	32
607.290846	428.158113	36.11	sp P55039 DRG2_HUMAN.Y[Pho]ALVWGTSTK.+2b3.heavy	32
800.694513	456.292893	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y4.light	41.3
800.694513	1013.475988	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y18-98+2.lig	41.3
800.694513	917.927815	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y16+2.light	41.3
800.694513	690.872768	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y12+2.light	41.3
800.694513	708.645383	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y18+3.light	41.3
804.030603	466.301162	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y4.heavy	41.3
804.030603	1018.480122	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y18-98+2.he	41.3
804.030603	922.931949	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y16+2.heavy	41.3
804.030603	695.876902	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y12+2.heavy	41.3
804.030603	711.981472	35.18	sp Q15262 PTPRK_HUMAN.YLC[CAM]EGTES[Pho]PYQTGQLHPAIR.+3y18+3.heavy	41.3
1032.099655	830.463147	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1032.099655	823.391196	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1032.099655	415.735211	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1032.099655	946.399265	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1032.099655	914.048344	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1035.435745	840.471416	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1035.435745	828.39533	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1035.435745	420.739346	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1035.435745	949.735355	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
1035.435745	917.384433	30.3	sp Q08J23 NSUN2_HUMAN.AGEPNS[Pho]PDAEEANSPDVTAGC[CAM]DPAGVHPPR	53.1
584.735149	786.374057	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y8.light	31.2
584.735149	473.246672	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y5.light	31.2
584.735149	435.209223	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y9-98+2.light	31.2
584.735149	393.690666	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y8+2.light	31.2
584.735149	383.096241	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2b3.light	31.2
589.739284	796.382326	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y8.heavy	31.2
589.739284	483.254941	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y5.heavy	31.2
589.739284	440.213358	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y9-98+2.heavy	31.2
589.739284	398.694801	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2y8+2.heavy	31.2
589.739284	383.096241	9.7	sp P51858 HDGF_HUMAN.NST[Pho]PSEPGSGR.+2b3.heavy	31.2
533.234254	966.392818	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y8.light	29
533.234254	879.360789	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y7.light	29
533.234254	598.319502	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y5.light	29
533.234254	372.224145	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y3.light	29
533.234254	694.244362	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2b6.light	29
537.241353	974.407017	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y8.heavy	29
537.241353	887.374988	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y7.heavy	29
537.241353	606.333701	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y5.heavy	29
537.241353	380.238344	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2y3.heavy	29
537.241353	694.244362	7.82	sp O60271 JIP4_HUMAN.VSNS[Pho]PEPQK.+2b6.heavy	29
824.869966	1107.48303	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y10.light	41.8
824.869966	937.377502	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y8.light	41.8
824.869966	751.313445	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y6.light	41.8
824.869966	653.336549	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y6-98.light	41.8
824.869966	359.203744	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y3.light	41.8
829.8741	1117.491299	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y10.heavy	41.8
829.8741	947.385771	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y8.heavy	41.8
829.8741	761.321714	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y6.heavy	41.8
829.8741	663.344818	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y6-98.heavy	41.8

829.8741	369.212013	24.72	sp Q96C19 EFHD2_HUMAN.ADLNQGIGEPQS[Pho]PSR.+2y3.heavy	41.8
747.344827	619.298055	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y5.light	38.6
747.344827	392.171064	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y3.light	38.6
747.344827	730.786533	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y12+2.	38.6
747.344827	709.330518	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y19+3.	38.6
747.344827	667.377351	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3b7.ligh	38.6
750.680917	629.306324	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y5.heav	38.6
750.680917	402.179333	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y3.heav	38.6
750.680917	735.790668	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y12+2.	38.6
750.680917	712.666608	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3y19+3.	38.6
750.680917	667.377351	48.6	sp O43504 LATOR5_HUMAN.NPSIVGVLC[CAM]TDS[Pho]QGLNLGC[CAM]R.+3b7.heav	38.6
673.766646	827.329489	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y7.light	35.1
673.766646	698.286896	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y6.light	35.1
673.766646	627.249782	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y5.light	35.1
673.766646	529.272886	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y5 -98.light	35.1
673.766646	720.283511	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2b7.light	35.1
678.770781	837.337758	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y7.heavy	35.1
678.770781	708.295165	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y6.heavy	35.1
678.770781	637.258051	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y5.heavy	35.1
678.770781	539.281155	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2y5 -98.heavy	35.1
678.770781	720.283511	23.22	sp Q96MG7 MAGG1_HUMAN.DGFAEEAPSTS[Pho]R.+2b7.heavy	35.1
498.538731	633.283845	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y5.light	25.9
498.538731	504.241252	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y4.light	25.9
498.538731	433.204138	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y3.light	25.9
498.538731	304.161545	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y2.light	25.9
498.538731	382.177726	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3b8 -98+2.light	25.9
501.874821	643.292114	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y5.heavy	25.9
501.874821	514.249521	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y4.heavy	25.9
501.874821	443.212407	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y3.heavy	25.9
501.874821	314.169814	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3y2.heavy	25.9
501.874821	382.177726	12.5	sp Q96RL1 UIMC1_HUMAN.GSHIS[Pho]QGNEAEER.+3b8 -98+2.heavy	25.9
702.324997	401.214309	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2y3.light	36.4
702.324997	645.303533	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2y12+2.light	36.4
702.324997	560.250769	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2y10+2.light	36.4
702.324997	682.363098	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2b7.light	36.4
702.324997	905.458789	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2b10 -98.light	36.4
707.329132	411.222578	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2y3.heavy	36.4
707.329132	650.307668	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2y12+2.heavy	36.4
707.329132	565.254904	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2y10+2.heavy	36.4
707.329132	682.363098	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2b7.heavy	36.4
707.329132	905.458789	18.2	sp Q92993 KAT5_HUMAN.NGLPGSRPGS[Pho]PER.+2b10 -98.heavy	36.4
997.441149	1213.569522	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y11.light	49.4
997.441149	1156.548058	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y10.light	49.4
997.441149	1043.463994	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y9.light	49.4
997.441149	914.421401	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y8.light	49.4
997.441149	1080.460897	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2b11.light	49.4
1002.445284	1223.577791	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y11.heavy	49.4
1002.445284	1166.556327	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y10.heavy	49.4
1002.445284	1053.472263	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y9.heavy	49.4
1002.445284	924.42967	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2y8.heavy	49.4
1002.445284	1080.460897	40.73	sp P04626 ERBB2_HUMAN.S[Pho]GGGDLTLGLEPSEEEAPR.+2b11.heavy	49.4
502.749874	692.312717	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y6.light	27.6
502.749874	594.335821	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y6 -98.light	27.6
502.749874	593.244303	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y5.light	27.6
502.749874	426.245943	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y4.light	27.6
502.749874	313.187031	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2b3.light	27.6
507.754008	702.320986	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y6.heavy	27.6

507.754008	604.34409	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y6 -98.heavy	27.6
507.754008	603.252572	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y5.heavy	27.6
507.754008	436.254212	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2y4.heavy	27.6
507.754008	313.187031	17.8	sp Q9NQS7 INCE_HUMAN.IAQVS[Pho]PGPR.+2b3.heavy	27.6
688.31069	872.427746	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y7.light	35.8
688.31069	759.343682	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y6.light	35.8
688.31069	661.366786	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y6 -98.light	35.8
688.31069	612.275268	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y5.light	35.8
688.31069	514.298372	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y5 -98.light	35.8
692.317789	880.441945	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y7.heavy	35.8
692.317789	767.357881	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y6.heavy	35.8
692.317789	669.380985	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y6 -98.heavy	35.8
692.317789	620.289467	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y5.heavy	35.8
692.317789	522.312571	37.37	sp Q9H0E9 BRD8_HUMAN.EESGTIFGS[Pho]QIK.+2y5 -98.heavy	35.8
787.348335	1112.46196	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y9.light	40.1
787.348335	868.392424	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y7.light	40.1
787.348335	683.383499	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y6 -98.light	40.1
787.348335	600.346386	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y5.light	40.1
787.348335	404.225208	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y3.light	40.1
792.352469	1122.470229	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y9.heavy	40.1
792.352469	878.400693	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y7.heavy	40.1
792.352469	693.391768	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y6 -98.heavy	40.1
792.352469	610.354655	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y5.heavy	40.1
792.352469	414.233477	33.56	sp Q9H910 HN1L_HUMAN.GSGIFDEST[Pho]PVQTR.+2y3.heavy	40.1
991.439961	1076.431314	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
991.439961	947.388721	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
991.439961	762.30868	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
991.439961	953.745273	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
991.439961	615.38646	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
994.111361	1084.445513	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
994.111361	955.40292	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
994.111361	770.322879	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
994.111361	956.416673	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
994.111361	615.38646	50.8	sp P51587 BRCA2_HUMAN.LQLFIT[Pho]PEADSLSC[CAM]LQEGQC[CAM]ENDPK.+3	51.1
801.418563	994.593158	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2y9.light	40.8
801.418563	655.413737	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2y6.light	40.8
801.418563	584.376623	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2y5.light	40.8
801.418563	510.267072	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2b6 -98.light	40.8
801.418563	920.483607	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2b10 -98.light	40.8
805.425663	1002.607357	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2y9.heavy	40.8
805.425663	663.427936	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2y6.heavy	40.8
805.425663	592.390822	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2y5.heavy	40.8
805.425663	510.267072	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2b6 -98.heavy	40.8
805.425663	920.483607	41.81	sp P0C1Z6 TFPT_HUMAN.AGNALT[Pho]PELAPVQIK.+2b10 -98.heavy	40.8
707.949242	1186.430677	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y10.light	36.6
707.949242	593.24602	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y5.light	36.6
707.949242	479.203092	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y4.light	36.6
707.949242	667.253183	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y11+2.light	36.6
707.949242	593.718976	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y10+2.light	36.6
711.285332	1196.438946	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y10.heavy	36.6
711.285332	603.254289	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y5.heavy	36.6
711.285332	489.211361	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y4.heavy	36.6
711.285332	672.257318	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y11+2.heavy	36.6
711.285332	598.723111	34.45	sp P08581 MET_HUMAN.ATFPEDQFPNSS[Pho]QNGSC[CAM]R.+3y10+2.heavy	36.6
591.239294	827.344745	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHMK.+3y6.light	30.7
591.239294	398.214643	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHMK.+3y3.light	30.7
591.239294	763.321589	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHMK.+3y11+2.light	30.7

591.239294	681.789924	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y10+2.light	30.7
591.239294	624.276453	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y9+2.light	30.7
593.910693	835.358944	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y6.heavy	30.7
593.910693	406.228842	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y3.heavy	30.7
593.910693	767.328688	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y11+2.heavy	30.7
593.910693	685.797024	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y10+2.heavy	30.7
593.910693	628.283552	23.9	sp P08581 MET_HUMAN.DMYDKEYY[Pho]SVHNK.+3y9+2.heavy	30.7
617.894737	827.344745	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y6.light	32
617.894737	584.315085	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y5.light	32
617.894737	398.214643	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y3.light	32
617.894737	721.77309	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y10+2.light	32
617.894737	664.259618	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y9+2.light	32
620.566137	835.358944	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y6.heavy	32
620.566137	592.329284	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y5.heavy	32
620.566137	406.228842	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y3.heavy	32
620.566137	725.780189	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y10+2.heavy	32
620.566137	668.266718	27.53	sp P08581 MET_HUMAN.DMYDKEY[Pho]Y[Pho]SVHNK.+3y9+2.heavy	32
752.788641	1000.336759	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y8.light	38.6
752.788641	886.293832	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y7.light	38.6
752.788641	771.266889	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y6.light	38.6
752.788641	673.289993	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y6-98.light	38.6
752.788641	639.225146	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y10+2.light	38.6
757.792776	1010.345028	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y8.heavy	38.6
757.792776	896.302101	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y7.heavy	38.6
757.792776	781.275158	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y6.heavy	38.6
757.792776	683.298262	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y6-98.heavy	38.6
757.792776	644.22928	14.3	sp Q14839 CHD4_HUMAN.QVNYNDGS[Pho]QEDR.+2y10+2.heavy	38.6
543.250299	743.393395	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y7.light	28.2
543.250299	614.350802	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y6.light	28.2
543.250299	499.323859	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y5.light	28.2
543.250299	428.286745	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y4.light	28.2
543.250299	699.326674	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y13+2.light	28.2
545.921698	751.407594	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y7.heavy	28.2
545.921698	622.365001	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y6.heavy	28.2
545.921698	507.338058	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y5.heavy	28.2
545.921698	436.300944	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y4.heavy	28.2
545.921698	703.333774	24.5	sp Q9UHB6 LIMA1_HUMAN.ETPHS[Pho]PGVEDAPIAK.+3y13+2.heavy	28.2
527.731878	724.302546	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y6.light	28.7
527.731878	627.249782	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y5.light	28.7
527.731878	540.217754	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y4.light	28.7
527.731878	362.654911	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y6+2.light	28.7
527.731878	331.161211	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2b3.light	28.7
532.736013	734.310815	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y6.heavy	28.7
532.736013	637.258051	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y5.heavy	28.7
532.736013	550.226023	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y4.heavy	28.7
532.736013	367.659045	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2y6+2.heavy	28.7
532.736013	331.161211	4.82	sp P06748 NPM_HUMAN.DSKPSST[Pho]PR.+2b3.heavy	28.7
601.315047	817.421933	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y7.light	32
601.315047	720.369169	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y6.light	32
601.315047	409.214604	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y7+2.light	32
601.315047	360.688222	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y6+2.light	32
601.315047	385.208161	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2b4.light	32
605.322146	825.436132	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y7.heavy	32
605.322146	728.383368	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y6.heavy	32
605.322146	413.221704	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y7+2.heavy	32
605.322146	364.695322	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2y6+2.heavy	32
605.322146	385.208161	36.12	sp Q04637 IF4G1_HUMAN.EAALPPVS[Pho]PLK.+2b4.heavy	32

531.218604	752.357344	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y6.light	28.9
531.218604	589.294016	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y5.light	28.9
531.218604	460.251423	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y4.light	28.9
531.218604	332.192845	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y3.light	28.9
531.218604	310.079863	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2b2.light	28.9
535.225703	760.371543	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y6.heavy	28.9
535.225703	597.308215	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y5.heavy	28.9
535.225703	468.265622	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y4.heavy	28.9
535.225703	340.207044	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2y3.heavy	28.9
535.225703	310.079863	6.97	sp Q92796 DLG3_HUMAN.QT[Pho]YEQANK.+2b2.heavy	28.9
452.694233	661.351531	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2y6.light	25.4
452.694233	476.271489	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2y4.light	25.4
452.694233	363.187425	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2y3.light	25.4
452.694233	301.058399	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2b2.light	25.4
452.694233	429.116977	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2b3.light	25.4
456.701333	669.36573	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2y6.heavy	25.4
456.701333	484.285688	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2y4.heavy	25.4
456.701333	371.201624	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2y3.heavy	25.4
456.701333	301.058399	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2b2.heavy	25.4
456.701333	429.116977	7.73	sp O14737 PDCD5_HUMAN.Y[Pho]GQLSEK.+2b3.heavy	25.4
613.308482	806.885222	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y14+2.light	31.8
613.308482	757.896774	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y14 -98+2.light	31.8
613.308482	644.333278	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y12 -98+2.light	31.8
613.308482	538.25924	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y14+3.light	31.8
613.308482	783.876865	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3b14+2.light	31.8
616.644572	811.889356	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y14+2.heavy	31.8
616.644572	762.900908	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y14 -98+2.heavy	31.8
616.644572	649.337413	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y12 -98+2.heavy	31.8
616.644572	541.59533	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3y14+3.heavy	31.8
616.644572	783.876865	30.39	sp Q6PL18 ATAD2_HUMAN.KPNIFYSGPAS[Pho]PARPR.+3b14+2.heavy	31.8
746.329414	1179.471796	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y9.light	38.3
746.329414	953.376439	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y7.light	38.3
746.329414	646.781568	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y10+2.light	38.3
746.329414	590.239536	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y9+2.light	38.3
746.329414	313.187031	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2b3.light	38.3
751.333548	1189.480065	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y9.heavy	38.3
751.333548	963.384708	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y7.heavy	38.3
751.333548	651.785703	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y10+2.heavy	38.3
751.333548	595.243671	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2y9+2.heavy	38.3
751.333548	313.187031	34.24	sp Q96RT1 LAP2_HUMAN.AQIPEGDY[Pho]LSYR.+2b3.heavy	38.3
803.039003	781.49305	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y7.light	41.5
803.039003	684.440286	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y6.light	41.5
803.039003	597.408258	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y5.light	41.5
803.039003	484.324194	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y4.light	41.5
803.039003	391.250163	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y7+2.light	41.5
806.375092	791.501319	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y7.heavy	41.5
806.375092	694.448555	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y6.heavy	41.5
806.375092	607.416527	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y5.heavy	41.5
806.375092	494.332463	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y4.heavy	41.5
806.375092	396.254297	39.92	sp Q12888 TP53B_HUMAN.SGTAETEPVEQDSS[Pho]QPSLPLVR.+3y7+2.heavy	41.5
832.879999	810.339325	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2y6.light	42.1
832.879999	357.176861	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b3.light	42.1
832.879999	486.219454	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b4.light	42.1
832.879999	599.303518	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b5.light	42.1
832.879999	855.420673	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b7.light	42.1
836.887099	818.353524	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2y6.heavy	42.1
836.887099	357.176861	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b3.heavy	42.1

836.887099	486.219454	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b4.heavy	42.1
836.887099	599.303518	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b5.heavy	42.1
836.887099	855.420673	13.6	sp Q12888 TP53B_HUMAN.LDQELQQPQT[Pho]QEK.+2b7.heavy	42.1
583.576746	731.833179	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y16 -98+2.light	30.3
583.576746	697.322447	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y15+2.light	30.3
583.576746	618.287876	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y13+2.light	30.3
583.576746	518.22983	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y11+2.light	30.3
583.576746	488.224545	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y16 -98+3.light	30.3
586.248145	735.840278	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y16 -98+2.heavy	30.3
586.248145	701.329547	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y15+2.heavy	30.3
586.248145	622.294976	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y13+2.heavy	30.3
586.248145	522.236929	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y11+2.heavy	30.3
586.248145	490.895944	15.48	sp Q12888 TP53B_HUMAN.TSS[Pho]GTSLSAMHSSGSSGK.+3y16 -98+3.heavy	30.3
731.850513	963.465923	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y9.light	37.7
731.850513	892.428809	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y8.light	37.7
731.850513	821.391695	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y7.light	37.7
731.850513	750.354581	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y6.light	37.7
731.850513	651.286168	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y5.light	37.7
736.854648	973.474192	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y9.heavy	37.7
736.854648	902.437078	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y8.heavy	37.7
736.854648	831.399964	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y7.heavy	37.7
736.854648	760.36285	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y6.heavy	37.7
736.854648	661.294437	26.7	sp Q96T58 MINT_HUMAN.ELQEAAVPTT[Pho]PR.+2y5.heavy	37.7
900.335818	1193.435805	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2y10.light	45.1
900.335818	1046.367391	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2y9.light	45.1
900.335818	959.335362	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2y8.light	45.1
900.335818	928.368303	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2b8.light	45.1
900.335818	1223.42524	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2b10.light	45.1
904.342918	1201.450004	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2y10.heavy	45.1
904.342918	1054.38159	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2y9.heavy	45.1
904.342918	967.349561	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2y8.heavy	45.1
904.342918	928.368303	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2b8.heavy	45.1
904.342918	1223.42524	25.07	sp Q9Y6X4 F169A_HUMAN.FQDSEFSSS[Pho]QGEDEK.+2b10.heavy	45.1
857.462971	876.459047	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y8.light	43.2
857.462971	763.374983	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y7.light	43.2
857.462971	428.286745	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y4.light	43.2
857.462971	637.331228	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y12+2.light	43.2
857.462971	441.270761	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2b4.light	43.2
861.47007	884.473246	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y8.heavy	43.2
861.47007	771.389182	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y7.heavy	43.2
861.47007	436.300944	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y4.heavy	43.2
861.47007	641.338328	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2y12+2.heavy	43.2
861.47007	441.270761	47.92	sp Q15554 TERF2_HUMAN.DLVLPQTALPAS[Pho]PALK.+2b4.heavy	43.2
712.008315	916.498589	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y8.light	36.8
712.008315	829.46656	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y7.light	36.8
712.008315	603.371203	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y5.light	36.8
712.008315	377.203075	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y3.light	36.8
712.008315	599.222505	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3b5.light	36.8
714.679715	924.512788	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y8.heavy	36.8
714.679715	837.480759	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y7.heavy	36.8
714.679715	611.385402	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y5.heavy	36.8
714.679715	385.217274	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3y3.heavy	36.8
714.679715	599.222505	48.27	sp O15530 PDPK1_HUMAN.ANS[Pho]FVGTAQYVSPPELLTEK.+3b5.heavy	36.8
680.269219	1102.429991	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y9.light	35.4
680.269219	987.403048	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y8.light	35.4
680.269219	771.328426	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y6.light	35.4
680.269219	604.330067	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y5.light	35.4

680.269219	476.271489	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y4.light	35.4
684.276318	1110.44419	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y9.heavy	35.4
684.276318	995.417247	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y8.heavy	35.4
684.276318	779.342625	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y6.heavy	35.4
684.276318	612.344266	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y5.heavy	35.4
684.276318	484.285688	13.94	sp Q14790 CASP8_HUMAN.EQDSES[Pho]QTLDK.+2y4.heavy	35.4
775.871111	1080.497283	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y9.light	39.6
775.871111	701.382831	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y6.light	39.6
775.871111	597.294311	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y10+2.light	39.6
775.871111	540.752279	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y9+2.light	39.6
775.871111	358.160876	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2b3.light	39.6
779.878211	1088.511482	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y9.heavy	39.6
779.878211	709.39703	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y6.heavy	39.6
779.878211	601.301411	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y10+2.heavy	39.6
779.878211	544.759379	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2y9+2.heavy	39.6
779.878211	358.160876	35.2	sp P23396 RS3_HUMAN.DEILPTT[Pho]PISEQK.+2b3.heavy	39.6
482.692222	792.292375	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2y6.light	26.7
482.692222	625.294016	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2y5.light	26.7
482.692222	391.193573	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2y3.light	26.7
482.692222	340.090428	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2b3.light	26.7
482.692222	352.12037	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2b6+2.light	26.7
487.696356	802.300644	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2y6.heavy	26.7
487.696356	635.302285	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2y5.heavy	26.7
487.696356	401.201842	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2y3.heavy	26.7
487.696356	340.090428	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2b3.heavy	26.7
487.696356	352.12037	15	sp P53396 ACLY_HUMAN.TAS[Pho]FSESR.+2b6+2.heavy	26.7
887.88664	651.286168	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2y5.light	44.6
887.88664	373.219394	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2y3.light	44.6
887.88664	304.113926	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2b3.light	44.6
887.88664	403.18234	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2b4.light	44.6
887.88664	516.266404	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2b5.light	44.6
892.890774	661.294437	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2y5.heavy	44.6
892.890774	383.227663	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2y3.heavy	44.6
892.890774	304.113926	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2b3.heavy	44.6
892.890774	403.18234	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2b4.heavy	44.6
892.890774	516.266404	28.71	sp P17544 ATF7_HUMAN.TDSVIIADQT[Pho]PT[Pho]PTR.+2b5.heavy	44.6
887.376439	651.286168	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2y5.light	44.5
887.376439	373.219394	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2y3.light	44.5
887.376439	317.109175	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2b3.light	44.5
887.376439	416.177589	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2b4.light	44.5
887.376439	529.261653	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2b5.light	44.5
892.380574	661.294437	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2y5.heavy	44.5
892.380574	383.227663	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2y3.heavy	44.5
892.380574	317.109175	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2b3.heavy	44.5
892.380574	416.177589	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2b4.heavy	44.5
892.380574	529.261653	25.28	sp P15336 ATF2_HUMAN.NDSVIVADQT[Pho]PT[Pho]PTR.+2b5.heavy	44.5
763.332409	504.241252	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3y4.light	39.4
763.332409	718.308678	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3y12+2.light	39.4
763.332409	550.76456	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3y9+2.light	39.4
763.332409	653.300164	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3b8.light	39.4
763.332409	853.379871	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3b10.light	39.4
766.003809	512.255451	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3y4.heavy	39.4
766.003809	722.315778	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3y12+2.heavy	39.4
766.003809	554.771659	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3y9+2.heavy	39.4
766.003809	653.300164	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3b8.heavy	39.4
766.003809	853.379871	26.82	sp P46013 KI67_HUMAN.SGGSGHAVAEPAS[Pho]PEQELDQNK.+3b10.heavy	39.4
723.983841	749.386202	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLESIC[CAM]K.+3y6.light	37.4

723.983841	307.143452	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y2.light	37.4
723.983841	672.826834	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y11+2.light	37.4
723.983841	310.675442	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y5+2.light	37.4
723.983841	654.740629	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3b11+2.light	37.4
726.655241	757.400401	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y6.heavy	37.4
726.655241	315.157651	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y2.heavy	37.4
726.655241	676.833934	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y11+2.heavy	37.4
726.655241	314.682542	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3y5+2.heavy	37.4
726.655241	654.740629	39.89	sp Q09161 NCBP1_HUMAN.KTS[Pho]DANETEDHLES LIC[CAM]K.+3b11+2.heavy	37.4
502.908207	690.297067	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y6.light	26.1
502.908207	668.805909	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y12+2.light	26.1
502.908207	625.289895	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y11+2.light	26.1
502.908207	576.763513	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y10+2.light	26.1
502.908207	528.237131	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y9+2.light	26.1
506.244297	700.305336	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y6.heavy	26.1
506.244297	673.810043	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y12+2.heavy	26.1
506.244297	630.294029	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y11+2.heavy	26.1
506.244297	581.767647	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y10+2.heavy	26.1
506.244297	533.241265	29.15	sp P29590 PML_HUMAN.AVSPPHLDGPPS[Pho]PR.+3y9+2.heavy	26.1
539.680997	800.264446	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y6.light	29.2
539.680997	685.237503	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y5.light	29.2
539.680997	570.21056	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y4.light	29.2
539.680997	439.170075	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y3.light	29.2
539.680997	509.151434	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2b4.light	29.2
544.685131	810.272715	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y6.heavy	29.2
544.685131	695.245772	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y5.heavy	29.2
544.685131	580.218829	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y4.heavy	29.2
544.685131	449.178344	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2y3.heavy	29.2
544.685131	509.151434	19.58	sp P61978 HNRPK_HUMAN.DYDDMS[Pho]PR.+2b4.heavy	29.2
734.863424	907.46486	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y7.light	37.8
734.863424	665.338203	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y5.light	37.8
734.863424	552.254139	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y4.light	37.8
734.863424	439.170075	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y3.light	37.8
734.863424	562.261987	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2b6.light	37.8
739.867558	917.473129	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y7.heavy	37.8
739.867558	675.346472	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y5.heavy	37.8
739.867558	562.262408	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y4.heavy	37.8
739.867558	449.178344	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2y3.heavy	37.8
739.867558	562.261987	48.64	sp P16949 STMN1_HUMAN.ASGQAFELILS[Pho]PR.+2b6.heavy	37.8
703.833801	865.421933	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y7.light	36.5
703.833801	718.353519	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y6.light	36.5
703.833801	341.218332	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y3.light	36.5
703.833801	546.262283	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y9+2.light	36.5
703.833801	497.735901	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y8+2.light	36.5
707.8409	873.436132	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y7.heavy	36.5
707.8409	726.367718	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y6.heavy	36.5
707.8409	349.23253	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y3.heavy	36.5
707.8409	550.269382	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y9+2.heavy	36.5
707.8409	501.743	44.19	sp P16949 STMN1_HUMAN.ESVPEFPLS[Pho]PPK.+2y8+2.heavy	36.5
767.389274	1031.492138	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y9.light	39.3
767.389274	833.391695	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y7.light	39.3
767.389274	359.203744	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y3.light	39.3
767.389274	417.199486	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y7+2.light	39.3
767.389274	390.202347	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2b3.light	39.3
772.393409	1041.500407	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y9.heavy	39.3
772.393409	843.399964	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y7.heavy	39.3
772.393409	369.212013	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y3.heavy	39.3

772.393409	422.20362	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2y7+2.heavy	39.3
772.393409	390.202347	50	sp P04198 MYCN_HUMAN.FELLTPPLS[Pho]PSR.+2b3.heavy	39.3
797.357856	895.374331	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y7.light	41.2
797.357856	667.263324	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y5.light	41.2
797.357856	439.170075	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y3.light	41.2
797.357856	334.1353	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y5+2.ligh	41.2
797.357856	421.190402	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3b3.light	41.2
800.693946	905.3826	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y7.heavy	41.2
800.693946	677.271593	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y5.heavy	41.2
800.693946	449.178344	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y3.heavy	41.2
800.693946	339.139434	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3y5+2.he	41.2
800.693946	421.190402	47.41	sp P40763 STAT3_HUMAN.FIC[CAM]VTPPTC[CAM]SNTIDLPMMS[Pho]PR.+3b3.heavy	41.2
502.197671	757.251239	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y7.light	27.6
502.197671	590.252879	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y6.light	27.6
502.197671	461.210286	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y5.light	27.6
502.197671	404.188822	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y4.light	27.6
502.197671	600.20652	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2b5.light	27.6
507.201806	767.259508	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y7.heavy	27.6
507.201806	600.261148	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y6.heavy	27.6
507.201806	471.218555	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y5.heavy	27.6
507.201806	414.197091	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2y4.heavy	27.6
507.201806	600.20652	15.51	sp Q53EL6 PDCD4_HUMAN.FVS[Pho]EGDGGR.+2b5.heavy	27.6
681.281409	964.395795	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y7.light	35.5
681.281409	865.327381	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y6.light	35.5
681.281409	778.295352	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y5.light	35.5
681.281409	535.265693	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y4.light	35.5
681.281409	588.249381	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y9+2.light	35.5
686.285544	974.404064	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y7.heavy	35.5
686.285544	875.33565	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y6.heavy	35.5
686.285544	788.303621	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y5.heavy	35.5
686.285544	545.273962	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y4.heavy	35.5
686.285544	593.253516	27.6	sp P49840 GSK3A_HUMAN.GEPNVSY[Pho]IC[CAM]SR.+2y9+2.heavy	35.5
682.316031	749.43045	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y7.light	35.3
682.316031	602.362036	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y6.light	35.3
682.316031	501.314357	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y5.light	35.3
682.316031	345.22448	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y3.light	35.3
682.316031	638.338226	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y12+2.light	35.3
685.65212	759.438719	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y7.heavy	35.3
685.65212	612.370305	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y6.heavy	35.3
685.65212	511.322626	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y5.heavy	35.3
685.65212	355.232748	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y3.heavy	35.3
685.65212	643.342361	44.15	sp Q9UQE7 SMC3_HUMAN.GSGS[Pho]QSSVPSVDQFTGVGIR.+3y12+2.heavy	35.3
705.355826	882.515576	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y8.light	36.5
705.355826	811.478462	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y7.light	36.5
705.355826	714.425699	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y6.light	36.5
705.355826	401.28708	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y3.light	36.5
705.355826	406.242869	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y7+2.light	36.5
708.691916	892.523845	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y8.heavy	36.5
708.691916	821.486731	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y7.heavy	36.5
708.691916	724.433968	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y6.heavy	36.5
708.691916	411.295349	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y3.heavy	36.5
708.691916	411.247004	44.3	sp P00533 EGFR_HUMAN.ELVEPLT[Pho]PSGEAPNQALLR.+3y7+2.heavy	36.5
645.771732	974.397903	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y7.light	33.9
645.771732	845.35531	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y6.light	33.9
645.771732	731.312382	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y5.light	33.9
645.771732	660.275268	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y4.light	33.9
645.771732	531.232675	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y3.light	33.9

650.775866	984.406172	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y7.heavy	33.9
650.775866	855.363579	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y6.heavy	33.9
650.775866	741.320651	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y5.heavy	33.9
650.775866	670.283537	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y4.heavy	33.9
650.775866	541.240944	20.37	sp P00533 EGFR_HUMAN.GSTAENAEY[Pho]LR.+2y3.heavy	33.9
941.900074	1177.477275	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2y10.light	46.9
941.900074	527.282388	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2y5.light	46.9
941.900074	589.242276	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2y10+2.light	46.9
941.900074	399.223811	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2b4.light	46.9
941.900074	706.322873	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2b6.light	46.9
945.907174	1185.491474	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2y10.heavy	46.9
945.907174	535.296587	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2y5.heavy	46.9
945.907174	593.249375	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2y10+2.heavy	46.9
945.907174	399.223811	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2b4.heavy	46.9
945.907174	706.322873	40.37	sp Q13535 ATR_HUMAN.GVELC[CAM]FPENET[Pho]PPEGK.+2b6.heavy	46.9
464.730619	628.402838	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2y6.light	25.9
464.730619	529.334424	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2y5.light	25.9
464.730619	361.244546	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2y3.light	25.9
464.730619	301.058399	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2b2.light	25.9
464.730619	400.126813	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2b3.light	25.9
468.737718	636.417037	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2y6.heavy	25.9
468.737718	537.348623	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2y5.heavy	25.9
468.737718	369.258745	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2y3.heavy	25.9
468.737718	301.058399	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2b2.heavy	25.9
468.737718	400.126813	22.89	sp P42226 STAT6_HUMAN.GY[Pho]VPATIK.+2b3.heavy	25.9
575.768264	1037.445187	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y7.light	30.8
575.768264	874.381859	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y6.light	30.8
575.768264	746.323281	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y5.light	30.8
575.768264	519.226232	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y7+2.light	30.8
575.768264	437.694567	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y6+2.light	30.8
580.772398	1047.453456	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y7.heavy	30.8
580.772398	884.390128	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y6.heavy	30.8
580.772398	756.33155	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y5.heavy	30.8
580.772398	524.230366	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y7+2.heavy	30.8
580.772398	442.698702	22.68	sp Q13627 DYR1A_HUMAN.IYQY[Pho]IQSR.+2y6+2.heavy	30.8
553.231711	311.123762	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2y2.light	29.8
553.231711	500.282723	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b5.light	29.8
553.231711	667.281082	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b6.light	29.8
553.231711	795.33966	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b7.light	29.8
553.231711	924.382253	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b8.light	29.8
557.238811	311.123762	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2y2.heavy	29.8
557.238811	508.296922	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b5.heavy	29.8
557.238811	675.295281	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b6.heavy	29.8
557.238811	803.353859	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b7.heavy	29.8
557.238811	932.396452	12.12	sp P16104 H2AX_HUMAN.KATQAS[Pho]QEY.+2b8.heavy	29.8
593.214877	509.21194	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b4.light	31.6
593.214877	580.249054	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b5.light	31.6
593.214877	747.247413	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b6.light	31.6
593.214877	777.329095	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b7 -98.light	31.6
593.214877	1004.348584	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b8.light	31.6
593.214877	906.371688	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b8 -98.light	31.6
597.221976	517.226139	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b4.heavy	31.6
597.221976	588.263253	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b5.heavy	31.6
597.221976	755.261612	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b6.heavy	31.6
597.221976	785.343294	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b7 -98.heavy	31.6
597.221976	1012.362783	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b8.heavy	31.6
597.221976	914.385887	11.77	sp P16104 H2AX_HUMAN.KAT[Pho]QAS[Pho]QEY.+2b8 -98.heavy	31.6

790.37181	1026.557835	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y10.light	40.3
790.37181	826.441743	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y8.light	40.3
790.37181	713.357679	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y7.light	40.3
790.37181	626.32565	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y6.light	40.3
790.37181	458.235772	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y4.light	40.3
795.375944	1036.566104	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y10.heavy	40.3
795.375944	836.450012	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y8.heavy	40.3
795.375944	723.365948	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y7.heavy	40.3
795.375944	636.333919	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y6.heavy	40.3
795.375944	468.244041	37.56	sp Q8IVT2 MISP_HUMAN.ALS[Pho]SDSILSPAPDAR.+2y4.heavy	40.3
553.933192	764.389707	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y7.light	28.8
553.933192	677.357679	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y6.light	28.8
553.933192	590.32565	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y5.light	28.8
553.933192	487.766905	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y9+2.light	28.8
553.933192	686.265766	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3b5.light	28.8
557.269282	774.397976	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y7.heavy	28.8
557.269282	687.365948	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y6.heavy	28.8
557.269282	600.333919	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y5.heavy	28.8
557.269282	492.77104	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3y9+2.heavy	28.8
557.269282	686.265766	32.99	sp O60825 F262_HUMAN.RNS[Pho]FTPLSSSNTIR.+3b5.heavy	28.8
566.273326	670.340632	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3y6.light	29.4
566.273326	335.673954	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3y6+2.light	29.4
566.273326	380.660528	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3b6+2.light	29.4
566.273326	457.697641	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3b8+2.light	29.4
566.273326	514.239673	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3b9+2.light	29.4
568.944726	678.354831	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3y6.heavy	29.4
568.944726	339.681053	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3y6+2.heavy	29.4
568.944726	380.660528	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3b6+2.heavy	29.4
568.944726	457.697641	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3b8+2.heavy	29.4
568.944726	514.239673	22.46	sp P27708 PYR1_HUMAN.IHRAS[Pho]DPGLPAEEPK.+3b9+2.heavy	29.4
724.975852	784.431178	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y7.light	37.5
724.975852	713.394064	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y6.light	37.5
724.975852	616.3413	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y5.light	37.5
724.975852	487.298707	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y4.light	37.5
724.975852	388.230293	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y3.light	37.5
728.311942	794.439447	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y7.heavy	37.5
728.311942	723.402333	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y6.heavy	37.5
728.311942	626.349569	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y5.heavy	37.5
728.311942	497.306976	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y4.heavy	37.5
728.311942	398.238562	49.5	sp Q15418 KS6A1_HUMAN.AYS[Pho]FC[CAM]GTVEYMAPEVVNR.+3y3.heavy	37.5
700.308678	845.472708	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y7.light	36.3
700.308678	716.430115	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y6.light	36.3
700.308678	617.361701	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y5.light	36.3
700.308678	504.277637	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y4.light	36.3
700.308678	642.795207	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y11+2.light	36.3
705.312813	855.480977	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y7.heavy	36.3
705.312813	726.438384	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y6.heavy	36.3
705.312813	627.36997	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y5.heavy	36.3
705.312813	514.285906	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y4.heavy	36.3
705.312813	647.799341	37.72	sp Q9BVJ6 UT14A_HUMAN.DSGS[Pho]QEVLSSELR.+2y11+2.heavy	36.3
564.225571	846.40258	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y7.light	30.3
564.225571	749.349816	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y6.light	30.3
564.225571	621.291239	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y5.light	30.3
564.225571	490.250754	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y4.light	30.3
564.225571	423.704928	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y7+2.light	30.3
568.232671	854.416779	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y7.heavy	30.3
568.232671	757.364015	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y6.heavy	30.3

568.232671	629.305438	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y5.heavy	30.3
568.232671	498.264953	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y4.heavy	30.3
568.232671	427.712027	21.9	sp Q13144 EI2BE_HUMAN.GGS[Pho]PQMDDIK.+2y7+2.heavy	30.3
434.218493	594.28207	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y11+2.light	22.6
434.218493	558.763513	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y10+2.light	22.6
434.218493	523.244956	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y9+2.light	22.6
434.218493	474.718574	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y8+2.light	22.6
434.218493	563.768264	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3b11+2.light	22.6
437.554583	599.286204	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y11+2.heavy	22.6
437.554583	563.767647	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y10+2.heavy	22.6
437.554583	528.24909	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y9+2.heavy	22.6
437.554583	479.722708	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3y8+2.heavy	22.6
437.554583	563.768264	25.53	sp Q8WXE1 ATRIP_HUMAN.LAAPSVSHVS[Pho]PR.+3b11+2.heavy	22.6
661.599439	881.399937	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y7.light	34.2
661.599439	734.331523	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y6.light	34.2
661.599439	605.28893	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y5.light	34.2
661.599439	518.256902	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y4.light	34.2
661.599439	403.229959	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y3.light	34.2
664.935529	891.408206	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y7.heavy	34.2
664.935529	744.339792	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y6.heavy	34.2
664.935529	615.297199	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y5.heavy	34.2
664.935529	528.265171	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y4.heavy	34.2
664.935529	413.238228	47.74	sp Q92878 RAD50_HUMAN.LFDVC[CAM]GS[Pho]QDFESDLDR.+3y3.heavy	34.2
516.723522	919.355704	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y7.light	28.2
516.723522	704.265098	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y5.light	28.2
516.723522	537.266738	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y4.light	28.2
516.723522	422.239795	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y3.light	28.2
516.723522	329.181946	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2b3.light	28.2
520.730621	927.369903	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y7.heavy	28.2
520.730621	712.279297	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y5.heavy	28.2
520.730621	545.280937	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y4.heavy	28.2
520.730621	430.253994	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2y3.heavy	28.2
520.730621	329.181946	19.6	sp Q96B36 AKTS1_HUMAN.LNTS[Pho]DFQK.+2b3.heavy	28.2
733.297142	832.379536	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y7.light	37.9
733.297142	589.294016	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y5.light	37.9
733.297142	460.251423	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y4.light	37.9
733.297142	359.203744	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y3.light	37.9
733.297142	359.179935	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y6+2.light	37.9
736.633231	842.387805	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y7.heavy	37.9
736.633231	599.302285	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y5.heavy	37.9
736.633231	470.259692	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y4.heavy	37.9
736.633231	369.212013	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y3.heavy	37.9
736.633231	364.184069	21.43	sp Q9UKV3 ACINU_HUMAN.LSEGS[Pho]QPAEEEEEDQETPSR.+3y6+2.heavy	37.9
771.6968	955.44795	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y8.light	39.9
771.6968	827.389373	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y7.light	39.9
771.6968	712.36243	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y6.light	39.9
771.6968	598.319502	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y5.light	39.9
771.6968	501.266738	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y4.light	39.9
774.368199	963.462149	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y8.heavy	39.9
774.368199	835.403572	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y7.heavy	39.9
774.368199	720.376629	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y6.heavy	39.9
774.368199	606.333701	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y5.heavy	39.9
774.368199	509.280937	36.57	sp Q14980 NUMA1_HUMAN.LSQLEEHL[Pho]QLQDNPPQEK.+3y4.heavy	39.9
601.249578	848.429463	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSGLMR.+2y8.light	32
601.249578	791.408	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSGLMR.+2y7.light	32
601.249578	662.365407	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSGLMR.+2y6.light	32
601.249578	563.296993	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSGLMR.+2y5.light	32

601.249578	354.069692	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSLMR.+2b3.light	32
606.253712	858.437732	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSLMR.+2y8.heavy	32
606.253712	801.416269	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSLMR.+2y7.heavy	32
606.253712	672.373676	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSLMR.+2y6.heavy	32
606.253712	573.305262	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSLMR.+2y5.heavy	32
606.253712	354.069692	31.32	sp Q13263 TIF1B_HUMAN.S[Pho]GEGEVSLMR.+2b3.heavy	32
1010.810383	643.268195	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3y8.li	52.1
1010.810383	499.214703	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3y6.li	52.1
1010.810383	442.193239	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3y5.li	52.1
1010.810383	518.29731	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3b5.li	52.1
1010.810383	746.408317	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3b7.li	52.1
1014.152792	643.268195	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3y8.f	52.1
1014.152792	499.214703	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3y6.f	52.1
1014.152792	442.193239	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3y5.f	52.1
1014.152792	528.324538	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3b5.f	52.1
1014.152792	756.435545	52.7	sp Q13263 TIF1B_HUMAN.FSAVLVEPPPMSLPGAGLSS[Pho]QELSGGPGDGP.+3b7.f	52.1
856.000948	835.390435	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y8.light	44.2
856.000948	720.363492	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y7.light	44.2
856.000948	534.26305	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y5.light	44.2
856.000948	447.231021	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y4.light	44.2
856.000948	720.286881	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3b7.light	44.2
859.337037	845.398704	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y8.heavy	44.2
859.337037	730.371761	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y7.heavy	44.2
859.337037	544.271319	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y5.heavy	44.2
859.337037	457.23929	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3y4.heavy	44.2
859.337037	720.286881	25.8	e.GTMDDISQEEGSS[Pho]QGEDSVSGSQR.+3b7.heavy	44.2
651.789924	1074.486718	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y10.light	34.2
651.789924	907.488358	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y9.light	34.2
651.789924	760.419945	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y8.light	34.2
651.789924	659.372266	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y7.light	34.2
651.789924	588.335152	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y6.light	34.2
655.797024	1082.500917	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y10.heavy	34.2
655.797024	915.502558	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y9.heavy	34.2
655.797024	768.434144	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y8.heavy	34.2
655.797024	667.386465	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y7.heavy	34.2
655.797024	596.349351	24.91	sp O95453 PARN_HUMAN.NNS[Pho]FTAPSTVGK.+2y6.heavy	34.2
497.73389	643.340966	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2y5.light	27.4
497.73389	417.245609	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2y3.light	27.4
497.73389	322.174121	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2y5+2.light	27.4
497.73389	352.126813	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2b3.light	27.4
502.738024	653.349235	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2y5.heavy	27.4
502.738024	427.253878	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2y3.heavy	27.4
502.738024	327.178255	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2y5+2.heavy	27.4
502.738024	352.126813	23.71	sp P17535 JUND_HUMAN.LAS[Pho]PELER.+2b3.heavy	27.4
602.753342	883.426821	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2y9.light	32
602.753342	754.384228	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2y8.light	32
602.753342	377.695752	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2y8+2.light	32
602.753342	451.122456	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2b4.light	32
602.753342	451.176208	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2b10+2.light	32
607.757476	893.43509	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2y9.heavy	32
607.757476	764.392497	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2y8.heavy	32
607.757476	382.699886	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2y8+2.heavy	32
607.757476	451.122456	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2b4.heavy	32
607.757476	451.176208	13.61	sp Q96EB6 SIR1_HUMAN.S[Pho]PGEPGGAAPER.+2b10+2.heavy	32
809.329504	832.379536	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y8.light	41.8
809.329504	761.342422	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y7.light	41.8
809.329504	704.320959	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y6.light	41.8

809.329504	876.365244	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y17+2.lig	41.8
809.329504	352.664117	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y6+2.ligh	41.8
812.665594	842.387805	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y8.heavy	41.8
812.665594	771.350692	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y7.heavy	41.8
812.665594	714.329228	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y6.heavy	41.8
812.665594	881.369379	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y17+2.he	41.8
812.665594	357.668252	23.17	sp O15355 PPM1G_HUMAN.SGGGTGEEPGS[Pho]QGLNGEAGPEDSTR.+3y6+2.he	41.8
694.315585	864.467289	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y8.light	35.9
694.315585	763.41961	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y7.light	35.9
694.315585	650.335546	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y6.light	35.9
694.315585	563.303518	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y5.light	35.9
694.315585	363.187425	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y3.light	35.9
696.986985	973.529166	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y9.heavy	35.9
696.986985	771.433809	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y7.heavy	35.9
696.986985	658.349745	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y6.heavy	35.9
696.986985	571.317717	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y5.heavy	35.9
696.986985	371.201624	41.23	sp Q13315 ATM_HUMAN.SLAFEEGS[Pho]QSTTISSLSEK.+3y3.heavy	35.9
680.792664	851.425758	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y7.light	35.5
680.792664	738.341694	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y6.light	35.5
680.792664	623.314751	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y5.light	35.5
680.792664	495.256174	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y4.light	35.5
680.792664	408.224145	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y3.light	35.5
684.799764	859.439957	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y7.heavy	35.5
684.799764	746.355893	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y6.heavy	35.5
684.799764	631.32895	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y5.heavy	35.5
684.799764	503.270373	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y4.heavy	35.5
684.799764	416.238344	37.3	sp Q13315 ATM_HUMAN.NLS[Pho]DIDQSFNK.+2y3.heavy	35.5
770.855796	942.371688	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2y7.light	39.4
770.855796	549.277972	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2y4.light	39.4
770.855796	670.797749	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2y11+2.light	39.4
770.855796	399.223811	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2b4.light	39.4
770.855796	599.339903	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2b6.light	39.4
775.85993	952.379957	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2y7.heavy	39.4
775.85993	559.286241	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2y4.heavy	39.4
775.85993	675.801884	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2y11+2.heavy	39.4
775.85993	399.223811	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2b4.heavy	39.4
775.85993	300.17359	31.1	sp Q6PKG0 LARP1_HUMAN.SLPTTVPEP[Pho]PNYR.+2b6+2.heavy	39.4
828.742521	1054.589135	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y9.light	42.8
828.742521	858.467957	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y7.light	42.8
828.742521	631.340966	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y5.light	42.8
828.742521	516.314023	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y4.light	42.8
828.742521	527.798206	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y9+2.light	42.8
832.07861	1064.597404	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y9.heavy	42.8
832.07861	868.476226	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y7.heavy	42.8
832.07861	641.349235	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y5.heavy	42.8
832.07861	526.322292	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y4.heavy	42.8
832.07861	532.80234	51.52	sp P15056 BRAF_HUMAN.SSS[Pho]APNVHINTIEPVNIDDLIR.+3y9+2.heavy	42.8
556.260803	923.434623	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y7.light	30
556.260803	756.436263	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y6.light	30
556.260803	643.352199	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y5.light	30
556.260803	529.309272	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y4.light	30
556.260803	400.266679	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y3.light	30
560.267902	931.448822	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y7.heavy	30
560.267902	764.450462	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y6.heavy	30
560.267902	651.366398	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y5.heavy	30
560.267902	537.323471	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y4.heavy	30
560.267902	408.280878	13.13	sp P49815 TSC2_HUMAN.STS[Pho]LNERPK.+2y3.heavy	30

798.996698	1004.391558	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y9.light	41.2
798.996698	761.306037	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y7.light	41.2
798.996698	646.279094	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y6.light	41.2
798.996698	474.230687	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y4.light	41.2
798.996698	761.30201	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y20+3.light	41.2
802.332787	1014.399827	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y9.heavy	41.2
802.332787	771.314306	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y7.heavy	41.2
802.332787	656.287363	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y6.heavy	41.2
802.332787	484.238956	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y4.heavy	41.2
802.332787	764.638099	34.31	sp P78527 PRKDC_HUMAN.LTPLPEDNS[Pho]MNVDQDGDPSDR.+3y20+3.heavy	41.2
751.338835	446.272158	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3y4.light	38.8
751.338835	976.930555	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3y16+2.light	38.8
751.338835	300.155397	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3b3.light	38.8
751.338835	537.235969	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3b10+2.light	38.8
751.338835	610.770176	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3b11+2.light	38.8
754.674925	456.280427	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3y4.heavy	38.8
754.674925	981.934689	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3y16+2.heavy	38.8
754.674925	300.155397	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3b3.heavy	38.8
754.674925	537.235969	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3b10+2.heavy	38.8
754.674925	610.770176	41.65	sp P27361 MK03_HUMAN.IADPEHDHTGFLTEY[Pho]VATR.+3b11+2.heavy	38.8
563.577252	863.408	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y7.light	29.2
563.577252	754.355236	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y13+2.light	29.2
563.577252	697.813204	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y12+2.light	29.2
563.577252	640.299732	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y11+2.light	29.2
563.577252	604.781175	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y10+2.light	29.2
566.913342	873.416269	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y7.heavy	29.2
566.913342	759.35937	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y13+2.heavy	29.2
566.913342	702.817338	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y12+2.heavy	29.2
566.913342	645.303867	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y11+2.heavy	29.2
566.913342	609.78531	26.42	sp P52564 MP2K6_HUMAN.T[Pho]IDAGC[CAM]KPYMAPER.+3y10+2.heavy	29.2
569.562726	863.408	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y7.light	29.5
569.562726	763.333446	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y13+2.light	29.5
569.562726	697.813204	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y12+2.light	29.5
569.562726	640.299732	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y11+2.light	29.5
569.562726	432.207638	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y7+2.light	29.5
572.898816	873.416269	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y7.heavy	29.5
572.898816	768.337581	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y13+2.heavy	29.5
572.898816	702.817338	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y12+2.heavy	29.5
572.898816	645.303867	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y11+2.heavy	29.5
572.898816	437.211772	25.29	sp P46734 MP2K3_HUMAN.T[Pho]MDAGC[CAM]KPYMAPER.+3y7+2.heavy	29.5
525.55427	719.368243	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3y7.light	27.3
525.55427	531.288536	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3y5.light	27.3
525.55427	434.235772	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3y4.light	27.3
525.55427	622.186847	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3b5.light	27.3
525.55427	769.255261	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3b6.light	27.3
528.890359	729.376512	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3y7.heavy	27.3
528.890359	541.296805	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3y5.heavy	27.3
528.890359	444.244041	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3y4.heavy	27.3
528.890359	622.186847	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3b5.heavy	27.3
528.890359	769.255261	19.37	sp P35568 IRS1_HUMAN.HSS[Pho]ETFSSTPSATR.+3b6.heavy	27.3
827.33361	1199.549849	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y12.light	41.9
827.33361	897.427215	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y9.light	41.9
827.33361	796.379536	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y8.light	41.9
827.33361	638.310394	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y6.light	41.9
827.33361	551.278366	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y5.light	41.9
832.337745	1209.558118	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y12.heavy	41.9
832.337745	907.435484	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y9.heavy	41.9

832.337745	806.387805	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y8.heavy	41.9
832.337745	648.318663	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y6.heavy	41.9
832.337745	561.286635	8.67	sp P23588 IF4B_HUMAN.TGS[Pho]ESSQTGTSTSSR.+2y5.heavy	41.9
550.2645	986.437659	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y8.light	29.7
550.2645	873.353595	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y7.light	29.7
550.2645	687.289538	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y5.light	29.7
550.2645	586.24186	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y4.light	29.7
550.2645	493.722468	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y8+2.light	29.7
555.268634	996.445928	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y8.heavy	29.7
555.268634	883.361864	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y7.heavy	29.7
555.268634	697.297807	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y5.heavy	29.7
555.268634	596.250129	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y4.heavy	29.7
555.268634	498.726602	37	sp O96017 CHK2_HUMAN.ILGETS[Pho]LMR.+2y8+2.heavy	29.7
568.918555	834.446828	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y7.light	29.5
568.918555	706.38825	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y6.light	29.5
568.918555	559.319837	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y5.light	29.5
568.918555	460.251423	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y4.light	29.5
568.918555	331.208829	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y3.light	29.5
572.254644	844.455097	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y7.heavy	29.5
572.254644	716.396519	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y6.heavy	29.5
572.254644	569.328106	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y5.heavy	29.5
572.254644	470.259692	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y4.heavy	29.5
572.254644	341.217098	33.48	sp P35222 CTNB1_HUMAN.TS[Pho]MGGTQQQFVEGVR.+3y3.heavy	29.5
891.911496	577.282782	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y5.light	44.7
891.911496	391.18234	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y3.light	44.7
891.911496	790.863818	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y15+2.light	44.7
891.911496	740.339978	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y14+2.light	44.7
891.911496	691.813597	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y13+2.light	44.7
895.918596	585.296981	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y5.heavy	44.7
895.918596	399.196539	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y3.heavy	44.7
895.918596	794.870917	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y15+2.heavy	44.7
895.918596	744.347078	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y14+2.heavy	44.7
895.918596	695.820696	31.52	sp O60934 NBN_HUMAN.TTTPGPSLS[Pho]QGVSVDEK.+2y13+2.heavy	44.7
632.96986	952.413553	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y9.light	32.8
632.96986	794.344411	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y7.light	32.8
632.96986	697.291647	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y6.light	32.8
632.96986	459.256174	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y4.light	32.8
632.96986	397.675843	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y7+2.light	32.8
635.64126	960.427752	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y9.heavy	32.8
635.64126	802.35861	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y7.heavy	32.8
635.64126	705.305846	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y6.heavy	32.8
635.64126	467.270373	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y4.heavy	32.8
635.64126	401.682943	29.72	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQSAPAS[Pho]PTNK.+3y7+2.heavy	32.8
659.625304	794.344411	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y7.light	34.1
659.625304	459.256174	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y4.light	34.1
659.625304	362.20341	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y3.light	34.1
659.625304	397.675843	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y7+2.light	34.1
659.625304	349.149461	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y6+2.light	34.1
662.296704	802.35861	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y7.heavy	34.1
662.296704	467.270373	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y4.heavy	34.1
662.296704	370.217609	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y3.heavy	34.1
662.296704	401.682943	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y7+2.heavy	34.1
662.296704	353.156561	28.12	sp Q8N122 RPTOR_HUMAN.VLDTSSLTQS[Pho]APAS[Pho]PTNK.+3y6+2.heavy	34.1
563.250435	939.393152	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y8.light	30.3
563.250435	825.350224	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y7.light	30.3
563.250435	601.330401	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y5.light	30.3
563.250435	417.245609	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y3.light	30.3

563.250435	470.200214	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y8+2.light	30.3
568.25457	949.401421	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y8.heavy	30.3
568.25457	835.358493	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y7.heavy	30.3
568.25457	611.33867	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y5.heavy	30.3
568.25457	427.253878	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y3.heavy	30.3
568.25457	475.204348	15.87	sp P46527 CDN1B_HUMAN.VSNGS[Pho]PSLER.+2y8+2.heavy	30.3
526.262814	952.449938	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y8.light	28.7
526.262814	865.41791	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y7.light	28.7
526.262814	751.374983	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y6.light	28.7
526.262814	411.163927	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y3.light	28.7
526.262814	301.150646	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2b3.light	28.7
530.269914	960.464137	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y8.heavy	28.7
530.269914	873.432109	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y7.heavy	28.7
530.269914	759.389182	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y6.heavy	28.7
530.269914	419.178126	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2y3.heavy	28.7
530.269914	301.150646	20.89	sp O00443 P3C2A_HUMAN.VSNLQVS[Pho]PK.+2b3.heavy	28.7
633.294311	966.433226	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y8.light	33.4
633.294311	909.411762	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y7.light	33.4
633.294311	310.176132	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y2.light	33.4
633.294311	364.702514	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y6+2.light	33.4
633.294311	300.155397	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2b3.light	33.4
637.301411	974.447425	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y8.heavy	33.4
637.301411	917.425961	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y7.heavy	33.4
637.301411	318.190331	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y2.heavy	33.4
637.301411	368.709614	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2y6+2.heavy	33.4
637.301411	300.155397	27.81	sp P06493 CDK1_HUMAN.IGEGT[Pho]YGVVYK.+2b3.heavy	33.4
558.223978	880.415922	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y8.light	29
558.223978	678.35695	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y6.light	29
558.223978	581.304186	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y5.light	29
558.223978	339.682113	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y6+2.light	29
558.223978	498.157492	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3b8+2.light	29
561.560068	890.424191	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y8.heavy	29
561.560068	688.365219	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y6.heavy	29
561.560068	591.312455	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y5.heavy	29
561.560068	344.686248	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3y6+2.heavy	29
561.560068	498.157492	22.04	sp P29803 ODPAT_HUMAN.YHGHS[Pho]MSDPGVSYSR.+3b8+2.heavy	29
753.329611	1024.494566	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y10.light	38.6
753.329611	925.426152	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y9.light	38.6
753.329611	838.394124	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y8.light	38.6
753.329611	709.351531	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y7.light	38.6
753.329611	622.319502	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y6.light	38.6
757.33671	1032.508765	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y10.heavy	38.6
757.33671	933.440351	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y9.heavy	38.6
757.33671	846.408323	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y8.heavy	38.6
757.33671	717.36573	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y7.heavy	38.6
757.33671	630.333701	23.95	sp O14757 CHK1_HUMAN.VTS[Pho]GGVSESPSGFSK.+2y6.heavy	38.6
565.729336	967.388066	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y8.light	30.4
565.729336	880.356038	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y7.light	30.4
565.729336	793.32401	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y6.light	30.4
565.729336	626.32565	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y5.light	30.4
565.729336	498.267073	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y4.light	30.4
570.73347	977.396335	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y8.heavy	30.4
570.73347	890.364307	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y7.heavy	30.4
570.73347	803.332279	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y6.heavy	30.4
570.73347	636.333919	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y5.heavy	30.4
570.73347	508.275342	12.61	sp O14757 CHK1_HUMAN.YSSS[Pho]QPEPR.+2y4.heavy	30.4
533.741192	758.361384	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y7-98.light	29

533.741192	602.307892	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y5.light	29
533.741192	392.171064	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y3.light	29
533.741192	477.19916	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y8+2.light	29
533.741192	336.168316	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y6 -98+2.light	29
538.745326	768.369653	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y7 -98.heavy	29
538.745326	612.316161	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y5.heavy	29
538.745326	402.179333	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y3.heavy	29
538.745326	482.203294	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y8+2.heavy	29
538.745326	341.17245	25.6	sp Q8NCD3 HJURP_HUMAN.LPSS[Pho]PLGC[CAM]R.+2y6 -98+2.heavy	29